Amendments to the Specification:

Please replace the paragraphs under section of CROSS REFERENCE TO RELATED APPLICATION with the following amended paragraphs:

-- This application is a continuation of U.S. Patent Application No. 08/944,332, entitled "INLINE DATABASE FOR RECEIVER TYPES IN OBJECT-ORIENTED SYSTEMS, [[.]]" filed October 6, 1997, now U.S. patent number 6,317,796.

This application is related to U.S. Patent Application No. 08/944,331, entitled "SITE SPECIFIC MESSAGE DISPATCH IN OBJECT-ORIENTED SYSTEMS," filed October 6, 1997, now U.S. patent number 6,385,660; U.S. Patent Application No. 08/944,735, entitled "METHOD AND APPARATUS FOR PERFORMING BYTE-CODE OPTIMIZATION DURING PAUSES," now U.S. Patent 5,970,249; U.S. Patent Application No. 08/944,335, entitled "MIXED EXECUTION STACK AND EXCEPTION HANDLING," now U.S. Patent 6,009,517; U.S. Patent Application No. 08/944,326, entitled "METHOD AND APPARATUS FOR IMPLEMENTING MULTIPLE RETURN SITES," filed October 6, 1997, now U.S. patent number 6,553,426; U.S. Patent Application No. 08/944,334, entitled "METHOD AND APPARATUS FOR DYNAMICALLY OPTIMIZING BYTE-CODED PROGRAMS," now U.S. Patent 5,995,754; U.S. Patent Application No. 08/944,330, entitled "METHOD AND APPARATUS FOR DYNAMICALLY OPTIMIZING COMPILED ACTIVATIONS," now U.S. Patent 5,933,635; all filed concurrently herewith.

This application is also related to U.S. Patent Application No. 08/884,856, entitled "INTERPRETING FUNCTIONS UTILIZING A HYBRID OF VIRTUAL AND NATIVE MACHINE INSTRUCTIONS," filed June 30, 1997, now U.S. patent number 6,513,156, and U.S. Patent Application No. 08/885,008, entitled "INTERPRETER GENERATION AND IMPLEMENTATION UTILIZING INTERPRETER STATES AND REGISTER CACHING," now U.S. Patent 6,021,273, filed June 30, 1997, which are all incorporated herein by reference for all purposes in their entirety. --